ITS Standards Work in FY 2006

Standards Leadership Roles

David J. Atkinson, Vice-Chair of the APIC Vocoder Task Group affiliated with TIA TR-8.

Randall S. Bloomfield, Federal Representative on Project 25/34 Steering Committee; Vice-Chair of the ISSI Task Group (ISSI TG) and Vice-Chair of the P25 Systems Architecture Working Group (PSAWG) (both within the APCO Project 25 Interface Committee); Editor of Project 25 Statement of Requirements (P25 SoR).

Paul M. McKenna, U.S. Chair of ITU-R Study Group 3 (Radiowave Propagation); U.S. Chair of Working Party 3K; Chair of (international) Subgroup 3K-2 to Working Party 3K; Chair of Drafting Group 3M-3C.

Patricia J. Raush, Chair of Drafting Group 3J-2A, Working Party 3J, ITU-R U.S. Study Group 3.

Timothy J. Riley, Member of Alliance for Telecommunications Industry Solutions (ATIS) committee WTSC-G3GRA (Wireless Technologies and Systems Committee — Radio Aspects of GSM/3G and Beyond) and issue champion and editor for development of a document addressing interference issues affecting wireless communication systems.

Teresa Rusyn, Chair of Drafting Group 3M-3B, Working Party 3K, ITU-R U.S. Study Group 3.

Frank Sanders, Chair of ITU-R Radar Correspondence Group (radar technical spectrum issues); Delegate to ITU-R Working Party 8B (radar spectrum allocation and sharing) and Joint Rapporteur Group 1A-1C-8B (radar spectrum efficiency issues).

Neal B. Seitz, Vice Chair of ITU-T Study Group 13 (Next Generation Networks); Chair of ITU-T Study Group 13 Working Party 4 (OAM and QoS); Vice Chair of ATIS Network Performance, Reliability, and Quality of Service Committee (PRQC).

Bruce R. Ward, Editor for TIA102-BACx, "ISSI measurement methods for voice services," and TIA102-BACx, "ISSI performance recommendations for voice services."

Arthur Webster, Co-chair of Video Quality Experts Group (VQEG); Rapporteur for Question 14/9 (Objective and subjective methods for evaluating perceptual audiovisual quality in multimedia services within the terms of Study Group 9) in ITU-T Study Group 9 (Integrated broadband cable networks and television and sound transmission); Chair of Joint Rapporteur Group on Multimedia Quality Assessment (JRG-MMQA); Chair of ATIS PRQC's Security Task Force. Study Group 9's Liaison Officer for the ITU's Telecommunications for Disaster Relief and Mitigation - Partnership Co-ordination Panel (PCP-TDR); Chair of the ATIS Joint Ad-Hoc Technical Committee for Issues PRQC A0029 and TMOC 95.

Representative Technical Contributions

Contributions listed below are a sample of the extensive standards work that ITS does each year. More details of this work can be found in the individual write-ups throughout this report.

Audio Quality

- "Additional results on the performance of the ANIQUE+ non-intrusive speech quality estimation algorithm," ATIS PRQC-2005-155, Oct. 2005 (S.D. Voran).

Emergency Telecommunications Service Projects

- Draft New Recommendation J.pref "Specifications for Preferential Telecommunications over IPCablecom networks" (Arthur Webster and Greg Bain (NCS), Editors and Authors). (ITU-T Study Group 9)

- Draft New Recommendation J.preffr "Framework for implementing preferential telecommunications in IPCablecom networks" (Arthur Webster and Greg Bain (NCS), Editors and Authors). (ITU-T Study Group 9)

- Draft ATIS Technical Report on Security For Next Generation Networks — An End User Perspective (Mike Lee (Nortel), An Nguyen (NCS), and Arthur Webster, Editors). (ATIS Committee PRQC)

- Draft Revision of T1.TR.79-2003 "Overview of Standards in Support of Emergency Telecommunications Service (ETS)" (Arthur Webster and An Nguyen (NCS), Editors and Authors). (ATIS Committee PRQC)

- Draft Revision of ANSI Standard T1.523-2001 TELECOM GLOSSARY (Arthur Webster and John Colombo (Verizon), Editors). (ATIS Committee PRQC)

High-power Radars and Spectrum Sharing

- Proposed Modification to Radar Emission Spectrum Measurement Bandwidth Limit in Recommendation M.1177-3, ITU-R WP-8B (F. Sanders).

- Proposed Modification to Radar Emission Spectrum Antenna Rotation Procedure in Recommendation M.1177-3, ITU-R WP-8B (F. Sanders).

APCO Project 25

- "Experiment 3 MOS test plan for vocoder technology for Project 25 Phase 2," APCO Project 25 Interface Committee Vocoder Task Group, Denver, CO, Aug. 2005 (D. Atkinson).

- ITS Comments as of October 7, 2005 on EADS Sip Messages and Parameter Definitions (05-10-145), TR8.19, Oct. 2005 (B. Ward).

- ITS Comments as of December 9, 2005 on V3 of Project 25 ISSI Messages and Procedures for Voice Services (05-12-259), TR8.19, Dec. 2005 (B. Ward).

- NIST/OLES Letter Ballot Comments on Draft Project 25 ISSI Messages and Procedures for Voice Services (TIA-102.BACA), TR8.19, Feb. 2006 (R. Bloomfield, B. Ward).

- ITS Contribution Errata Comments as of June 2, 2006 on TIA-102.BACA (06-05-041_ISSIMsgProcDraft_v9_060524.doc), TR8.19, Jun. 2006 (N. Walowitz (Protiro for ITS), M. Ranganathan (NIST/ANTD), K. Behnam, B. Ward).

- Project 25 (P25) Inter-RF Subsystem Interface (ISSI) Measurement Methods for Voice Services Status Update 06-21-06, ISSI TG, Jun. 2006 (B. Ward).

- Project 25 (P25) Inter-RF Subsystem Interface (ISSI) Performance Recommendations for Voice Services Status Update 06-21-06, ISSI TG, Jun. 2006 (B. Ward).

- ITS Comments 09-26-06 for Issue O of ISSI Measurement Methods for Voice Services (06-045), ISSI TG, Sep. 2006 (B. Ward and N. Walowitz (Protiro for ITS)).

- ITS Comments 09-26-06 for Issue L of ISSI Performance Recommendations for Voice Services (06-047), ISSI TG, Sep. 2006 (B. Ward and N. Walowitz (Protiro for ITS)).

- DIETS: ISSI Conformance Test Tool, ISSI TG, Mar. 2006 (K. Behnam and M. Ranganathan (NIST/ANTD)).

- ITS & ANTD Technical Comments on ISSI Conformance Test Procedures Draft Standard (06-008), ISSI TG, Sep. 2006 (K. Behnam and M. Ranganathan (NIST/ANTD)).

- Draft Project 25 Fixed Station Interface Messages and Procedures, FSI TG and TR8.19, Nov. 2005 (R. Bloomfield and K. Tilley, Editors).

- NIST/OLES Letter Ballot Comments on Draft Project 25 Fixed Station Interface Messages and Procedures (TIA-102.BAHA), TR8.19, Dec. 2005 (R. Bloomfield).

- Project 25 (P25) Statement of Requirements (March 9, 2006), P25 User Needs Subcommittee and P25/34 Steering Committee, Mar. 2006 (R. Bloomfield and W. Pomper (Protiro for ITS), Editors).

Quality of Service

- "Towards an NGN QoS solution: New information and related discussion issues," PRQC-2005-180, Oct. 2005 (N. Seitz).

- "Draft text for ATIS NGN-FG NGN framework part III (gap analysis), section 6 (QoS)," PRQC-2006-045, Feb. 2006 (N. Seitz).

- "Comparison of Draft ITU-T Recommendation Y.RACF QoS information handling specifications with Q-series supplement 51 requirements," PRQC-2006-066, Mar. 2006 (N. Seitz).

- "ATIS NGN-FG standards gap analysis: Implications for future standards work of PRQC," PRQC-2006-100, Jun. 2006 (N. Seitz).

Video Quality

- "Reduced reference video calibration algorithms," ITU-T Study Group 9 D036, October 2005 (M. Pinson and S. Wolf).